

Form PTO-1449 (modified)

Atty. Docket No.

VBLT:014US

Serial No.

10/656,897

List of Patents and Publications for Applicant's

Applicant

Joel W. Schwartz *et al.*

INFORMATION DISCLOSURE STATEMENT

Filing Date:

September 5, 2003

Group:

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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
SW	A1	5,312,734	5/17/94	Uhl <i>et al.</i>	435	69.1	9/20/91
SW	A2	5,418,162	5/23/95	Blakely <i>et al.</i>	435	252.3	10/14/92
SW	A3	5,424,185	6/13/95	Lam and Chang	435	6	9/21/90
SW	A4	6,127,133	10/3/00	Akong <i>et al.</i>	435	7.2	4/18/94

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Exam. Init.	Ref. Des.	Citation
SW	C1	Apparsundaram <i>et al.</i> , "Molecular cloning and characterization of an <i>t</i> -epinephrine transporter from sympathetic ganglia of the bullfrog, <i>Rana catesbeiana</i> ," <i>J. Neurosci.</i> , 17(8):2691-2702, 1997.
SW	C2	Aston-Jones <i>et al.</i> , "Role of locus coeruleus in attention and behavioral flexibility," <i>Biol. Psychiatry</i> , 46:1309-1320, 1999.
SW	C3	Axelrod and Kopin, "The uptake, storage, release and metabolism of noradrenaline in sympathetic nerves," <i>Prog. Brain Res.</i> , 31:21-32, 1969.
SW	C4	Bannon, "The human dopamine transporter gene: gene organization, transcriptional regulation, and potential involvement in neuropsychiatric disorders," <i>Eur. Neuropsychopharmacol.</i> , 11(6):449-455, 2001.
SW	C5	Barker and Blakely, "Identification of a single amino acid, phenylalanine 586, that is responsible for high affinity interactions of tricyclic antidepressants with the human serotonin transporter," <i>Mol. Pharmacol.</i> , 50(4):957-965, 1996.
SW	C6	Barnes, "Breaking the cycle of addiction," <i>Science</i> , 241:1029-1030, 1988.

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SW	C7	Beiderman and Spencer, "Attention-deficit/hyperactivity disorder(ADHD) as a noradrenergic disorder," <i>Biol. Psychiatry</i> , 46:1234-1242, 1999.
SW	C8	Blakely and Apparsundaram, "Structural diversity in the catecholamine transporter gene family: molecular cloning and characterization of an L-epinephrine transporter from bullfrog sympathetic ganglia," <i>Adv. Pharmacol.</i> , 42:206-210, 1998.
SW	C9	Blakely <i>et al.</i> , "Cloning and expression of a functional serotonin transporter from rat brain," <i>Nature</i> , 354:66-70, 1991.
SW	C10	Blundell, "Serotonin manipulations and the structure of feeding behaviour," <i>Appetite</i> , 7(1):39-56, 1986.
SW	C11	Bönisch and Harder, "Binding of 3H-desipramine to the neuronal noradrenaline carrier of rat phaeochromocytoma cells (PC-12 cells)," <i>Naunyn Schmeidebergs Arch. Pharmacol.</i> , 334:403-411, 1986.
SW	C12	Bönisch, "The transport of (+)-amphetamine by the neuronal noradrenaline carrier," <i>Naunyn Schmeidebergs Arch. Pharmacol.</i> , 327:267-272, 1984.
SW	C13	Bruns <i>et al.</i> , "A fast activating presynaptic reuptake current during serotonergic transmission in identified neurons of hiduro," <i>Neuron</i> , 10:559-572, 1993.
SW	C14	Bruns, "Serotonin transport in cultured leech neurons," <i>Methods Enzymol.</i> , 296:593-607, 1998.
SW	C15	Clarkson <i>et al.</i> , "Electrophysiological effects of high cocaine concentrations on intact canine heart: evidence for modulation by both heart rate and autonomic nervous system," <i>Circulation</i> , 87:950-962, 1993.
SW	C16	Corey <i>et al.</i> , "A cocaine-sensitive drosophila serotonin transporter: cloning, expression, and electrophysiological characterization," <i>Proc. Natl. Acad. Sci., USA</i> , 91:1188-1192, 1994.
SW	C17	Coull <i>et al.</i> , "Noradrenergically mediated plasticity in a human attentional neuronal network," <i>Neuroimage</i> , 10:705-715, 1999.
SW	C18	DeFelice, "Visualization of single cell real-time kinetics for norepinephrine transporters using fluorescence microscopy," manuscript.
SW	C19	DeFelice and Galli, "Electrophysiological analysis of transporter function," <i>Adv. Pharmacol.</i> , 42:186-190, 1998.

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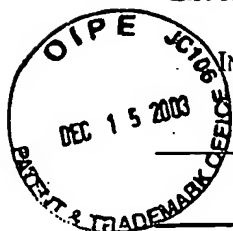
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SW	C21	Dow and Kline, "Antidepressant treatment of posttraumatic stress disorder and major depression in veterans," <i>Ann. Clin. Psychiatry</i> , 9(1):1-5, 1997.
SW	C22	Fleckenstein <i>et al.</i> , "Differential effects of psychostimulants and related agents on dopaminergic and serotonergic transporter function," <i>Eur. J. Pharmacol.</i> , 382:45-49, 1999.
SW	C23	Gainetdinov <i>et al.</i> , "Dopamine transporter is required for in vivo MPTP neurotoxicity: evidence from mice lacking the transporter," <i>J. Neurochem.</i> , 69:1322-1325, 1997.
SW	C24	Galli <i>et al.</i> , "Norepinephrine transporters have channel modes of conduction," <i>PNAS</i> , 93:8671-8676, 1998.
SW	C25	Galli <i>et al.</i> , "Sodium-dependent norepinephrine-induced currents in norepinephrine-transporter-transfected HEK-293 cells blocked by cocaine and antidepressants," <i>J. Exp. Biol.</i> , 198(10):2197-2212, 1995.
SW	C26	Gill <i>et al.</i> , "Effects of serotonin uptake blockade on food, water, and ethanol consumption in rats," <i>Alcoholism</i> , 11(5):444-449, 1987.
SW	C27	Giros <i>et al.</i> , "Cloning, pharmacological characterization, and chromosome assignment of the human dopamine transporter," <i>Mol. Pharmacol.</i> , 42(3):383-390, 1992.
SW	C28	Giros <i>et al.</i> , "Hyperlocation and indifference to cocaine and amphetamine in mice lacking the dopamine transporter," <i>Nature</i> , 379(6566):606-612, 1996.
SW	C29	Glassman <i>et al.</i> , "Idiosyncratic pharmacokinetics complicating treatment of major depression in an elderly woman," <i>J. Nerv. Ment. Dis.</i> , 173(9):573-576, 1985.
SW	C30	Hadrich <i>et al.</i> , "Synthesis and characterization of fluorescent ligands for the norepinephrine transporter: potential neuroblastoma imaging agents," <i>J. Med. Chem.</i> , 42:3101-3108, 1999.
SW	C31	Hartzell, "Distribution of muscarinic acetylcholine receptors and presynaptic nerve terminals in amphibian heart," <i>J. Cell Biol.</i> , 86:6-20, 1980.
SW	C32	Hatfield and McGaugh, "Norepinephrine infused into the basolateral amygdala posttraining enhances retention in a spatial water maze task," <i>Neurobiol. Learn. Mem.</i> , 71:232-239, 1999.
SW	C33	Herrera and Banner, "The use and effects of vital fluorescent dyes: observation of motor nerve terminals and satellite cells in living frog muscles," <i>J. Neurocytol.</i> , 19:67-83, 1990.

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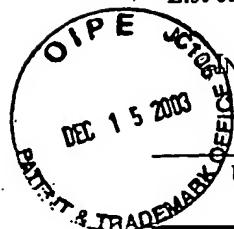
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SW	C34	Herrera <i>et al.</i> , "Repeated, in vivo observation of frog neuromuscular junctions: remodeling involves concurrent growth and retraction," <i>J. Neurocytol.</i> , 19:85-99, 1990.
SW	C35	Hohage <i>et al.</i> , "Regulation of organic cation transport in IHKE-1 and LLC-PK1 cells. Fluorometric studies with 4-(4-Dimethylaminostyryl)-N-methylpyridinium," <i>J. Pharmacol. Exp. Ther.</i> , 286(1):305-310, 1998.
SW	C36	Iverson <i>et al.</i> , "Uptake, storage, and metabolism of norepinephrine in tissues of the developing rat," <i>J. Pharmacol. Exp. Ther.</i> , 157(3):509-516, 1967.
SW	C37	Jacob <i>et al.</i> , "Abnormal norepinephrine clearance and adrenergic receptor sensitivity in idiopathic orthostatic intolerance," <i>Circulation</i> , 99:1706-1712, 1999.
SW	C38	Jones, "Descending noradrenergic influences on pain," <i>Prog. Brain Res.</i> , 88:381-394, 1991.
SW	C39	Kawarai <i>et al.</i> , "Structure and organization of the gene encoding human dopamine transporter," <i>Gene</i> , Aug 11;195(1):11-8, 1997.
SW	C40	Kitayama <i>et al.</i> , "Functional characterization of the splicing variants of human norepinephrine transporter," <i>Neurosci. Lett.</i> , 312(2):108-112, 2001.
SW	C41	Koella, "Serotonin and sleep," In: <i>Neuronal Serotonin</i> , Osborne <i>et al.</i> (eds.) 153-170, 1988.
SW	C42	Kuhar <i>et al.</i> , "The dopamine hypothesis of the reinforcing properties of cocaine," <i>Trends Neurosci.</i> , 14(7):299-302, 1991.
SW	C43	Le Bars, "Serotonin and pain," In: <i>Neuronal Serotonin</i> , Osborne and Hamin (eds.), 171-229, 1988.
SW	C44	Masson <i>et al.</i> , "Neurotransmitter transporters in the central nervous system," <i>Pharmacol. Rev.</i> , 51(3):439-464, 1999.
SW	C45	Mehrens <i>et al.</i> , "The affinity of the organic cation transporter rOCT1 is increased by protein kinase C-dependant phosphorylation," <i>J. Am. Soc. Nephrol.</i> , 11:1216-1224, 2000.
SW	C46	Morozova <i>et al.</i> , "[4-(n-Dimethylaminostyryl)-1-methylpyridinium fluorescence in a living cell]," <i>Tsitologiya</i> , 23(8):916-923, 1981.
SW	C47	Naranjo <i>et al.</i> , "The serotonin uptake inhibitor citalopram attenuates ethanol intake," <i>Clin. Pharmacol. Ther.</i> , 41:266-274, 1987.

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SW	C48	Nuemeister <i>et al.</i> , "Association between serotonin transporter gene promoter polymorphism (5HTTLPR) and behavioral responses to tryptophan depletion in healthy women with and without family history of depression," <i>Arch. Gen. Psychiatry</i> , 59(7):613-620, 2002.
SW	C49	Pacholczyk <i>et al.</i> , "Expression cloning of a cocaine-and antidepressant-sensitive human noradrenaline transporter," <i>Nature</i> , Mar 28; 350(6316):350-354, 1991.
SW	C50	Pelham, "Green light for Golgi traffic," <i>Nature</i> , 389(6646):17, 19, 1997
SW	C51	Pietruck and Ullrich, "Transport interactions of different organic cations during their excretion by the intact rat kidney," <i>Kidney Int.</i> , 47(6):1647-1657, 1995.
SW	C52	Porzgen <i>et al.</i> , "Errata," <i>Biochem. Biophys. Res. Commun.</i> , 227(2):642:643, 1996.
SW	C53	Prasad and Amara, "The dopamine transporter in mesencephalic cultures is refractory to physiological changes in membrane voltage," <i>J. Neurosci.</i> , 21(19):7561-7567, 2001.
SW	C54	Qian <i>et al.</i> , "Protein kinase C activation regulates human serotonin transporters in HEK-293 cells via altered cell surface expression," <i>The Journal of Neuroscience</i> , 17(1):45-57, 1997.
SW	C55	Ramamoorthy <i>et al.</i> , "Antidepressant- and cocaine-sensitive human serotonin transporter: molecular cloning, expression, and chromosomal localization," <i>Proc. Natl. Acad. Sci., USA</i> , 90:2542-2546, 1993.
SW	C56	Ramamoorthy <i>et al.</i> , "Expression of a cocaine-sensitive norepinephrine transporter in the human placental syncytiotrophoblast," <i>Biochemistry</i> , 32(5):1346-1353, 1993.
SW	C57	Ramamoorthy, "Phosphorylation and regulation of antidepressant-sensitive serotonin transporters," <i>J. Biol. Chem.</i> , 273(4):2458-2466, 1998.
SW	C58	Ressler and Nemeroff, "Role of norepinephrine in the pathophysiology and treatment of mood disorders," <i>Biol. Psychiatry</i> , 46:1219-1233, 1999.
SW	C59	Rohlicek and Ullrich, "Simple device for continuous measurement of fluorescent anions and cations in the rat kidney in situ," <i>Ren. Physiol. Biochem.</i> , 17(2):57-61, 1994.
SW	C60	Rudnick and Clark, "From synapse to vesicle: the reuptake and storage of biogenic amine neurotransmitters," <i>Biochim. Biophys. Acta</i> , 1144(3):249-263, 1993.
SW	C61	Samochowiec <i>et al.</i> , "Polymorphisms in the dopamine, serotonin, and norepinephrine transporter genes and their relationship to temperament and character inventory in healthy volunteers," <i>Neuropsychobiology</i> , 43(4):248-253, 2001.

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SW	C63	Silverstone <i>et al.</i> , "Serotonergic mechanisms in human feeding: the pharmacological evidence," <i>Appetite</i> , 7 Suppl., 85-97, 1986.
SW	C64	Skrebtsky and Chepkova, "Hebbian synapses in cortical and hippocampal pathways," <i>Rev. Neurosci.</i> , 9:243-264, 1998.
SW	C65	Smith and Levi, "LLC-PK1 cells stably expressing the human norepinephrine transporter: a functional model of carrier-mediated norepinephrine release in protracted myocardial ischemia," <i>J. Pharmacol. Exp. Ther.</i> , 291(2):456-463, 1999.
SW	C66	Soubrié, "Serotonin and behaviour, with special regard to animal models of anxiety, depression and waiting ability," In: <i>Neuronal Serotonin</i> , Osborne and Hamon (eds.), 255-270, 1988.
SW	C67	Southwick <i>et al.</i> , "Role of norepinephrine in the pathophysiology and treatment of posttraumatic stress disorder," <i>Biol. Psychiatry</i> , 46:1192-1204, 1999.
SW	C68	Stachon <i>et al.</i> , "Characterisation of organic cation transport across the apical membrane of proximal tubular cells with the fluorescent dye 4-Di-1-ASP," <i>Cell Physiol. Biochem.</i> , 7:264-274, 1997.
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SW	C70	Stöber <i>et al.</i> , "Serotonin transporter gene polymorphism and affective disorder," <i>Lancet</i> , 347(9011):1340-1341, 1996.
SW	C71	Tsai <i>et al.</i> , "Association for serotonin transporter gene variable number tandem repeat polymorphism and schizophrenic disorders," <i>Neuropsychobiology</i> , 45(3):131-133, 2002.
SW	C72	Van Woert <i>et al.</i> , "Serotonin and myoclonus," <i>Monogr. Neural. Sci.</i> , 3:71-80, 1976.
SW	C73	Watanabe <i>et al.</i> , "Cardiovascular effects of imipramine in intact dogs and isolated dog atria," <i>Jpn. Heart J.</i> , 22:977-985, 1981.
SW	C74	White, "Inhibition of synaptosomal noradrenaline uptake by veratridine, gramicidin D and valinomycin," <i>J. Neurochem.</i> , 29:193-198, 1977.

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SW	C75	Wu <i>et al.</i> , "Structural and functional characteristics and tissue distribution pattern of rat OCTN1, an organic cation transporter, cloned from placenta," <i>Biochim. Biophys. Acta.</i> , 1466:315-327, 2000.

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